

OFFICE OF THE VICE PRESIDENT —  
LABORATORY MANAGEMENTOFFICE OF THE PRESIDENT  
1111 Franklin Street, 5<sup>th</sup> Floor  
Oakland, California 94607-5200

January 5, 2006

Aundra Richards, Manager  
U.S. Department of Energy  
Berkeley Site Office  
1 Cyclotron Road, MS 90-1023  
Berkeley, CA 94720

Re: Draft scope LBNL Peer Review

Dear Ms. Richards:

Pursuant to the regular weekly management meeting between you, Steven Chu and David McGraw, and the letter you sent to me on December 23, 2005, I am sending you this draft scope of work for the Berkeley Laboratory peer review. The peer review is scheduled for January 17-20, 2006 with some follow up work after the one-week on-site visit. The University and Laboratory management agree with you that a series of leading indicators you note in your letter to me provide compelling evidence that a peer review of the implementation and operations of Integrated Safety Management (ISM) at the Berkeley Lab is warranted. The draft scope for such a peer review is enclosed.

The peer review scope is designed to identify root causes for the events mentioned in your letter, identify specific deficiencies in the Laboratory's implementation of ISM, and make any recommendations for any improvements in the execution of a high quality Environment, Safety and Health (ES&H) program the review committee deems necessary and appropriate. It will be conducted by:

- . using the expert knowledge and judgment of peer review committee members
- . using a graded approach appropriate for the hazard level of the work
- . validating the implementation of ISM principles
- . using document review, facility walkthroughs and observation, as well as interviews with Laboratory personnel
- . using a scoring matrix provided in the scope

This is designed to be a very thorough review. As mentioned above it is expected it will take a week of on-site presence and will include daily outbriefings of Lab management. Any serious safety hazards the committee identifies will be corrected immediately. A formal report will be presented orally at the end of the week on-site with a follow-on written report within two weeks of the review. The review team will receive documentation in advance of the on-site visit. The review team includes ES&H expertise and management expertise from the following individuals:

Tom Gesell, Ph.D  
Professor of Health Physics  
Idaho State University

James H. Johnson, Ph.D.  
Professor of Civil Engineering  
College of Engineering  
Howard University

Jim Smathers, Ph.D  
Professor Emeritus  
Radiation Oncology  
UCLA

The above three individuals serve on the ES&H Panel of the University of California President's Committee on National Laboratories.

John Cornuelle, B.A. MBA  
Director of OPS/COO  
SLAC/Stanford

Tom Dickinson, B.S.  
Accelerator Safety &  
Configuration Control  
NSLS/Brookhaven National Lab

Jack Bartley, Ph.D.: DVM  
Independent Consultant  
Peer Review Committee Vice-Chair

George Goode, Manager  
Environmental & Waste Management  
Services Division  
Brookhaven National Lab

William Bookless, Ph.D  
Associate Director, SSEP  
Lawrence Livermore National Laboratory  
Peer Review Committee Chair

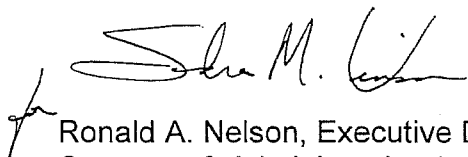
The DOE observer will be:

W. Earl Carnes  
Human Performance Improvement Initiative Manager  
DOE HQ EH  
Germantown, MD

Biographical information on each panel member will be sent to you under separate cover.

If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Ronald A. Nelson". The signature is fluid and cursive, with a large initial "R" and "N".

Ronald A. Nelson, Executive Director  
Contracts & Administration-Laboratory Management

Attachment: Draft Berkeley Lab ES&H Peer Review

copies:

Steven Chu, LBNL

David McGraw, LBNL

Howard Hatayama, LBNL

Robert L. Van Ness, UCOP-Laboratory Management

Buck Koonce, UCOP-Laboratory Management

John Ahlquist, UCOP-Laboratory Management